

General Science Model Questions with Answer Key - Set 3

1. What is the chemical symbol for Sodium?

- A) S
- B) Na
- C) So
- D) Sn

Answer: B) Na

2. Which gas is necessary for humans to breathe?

- A) Carbon Dioxide
- B) Oxygen
- C) Nitrogen
- D) Hydrogen

Answer: B) Oxygen

3. What is the basic unit of life?

- A) Atom
- B) Molecule
- C) Cell
- D) Tissue

Answer: C) Cell

4. Which is the largest planet in our solar system?

- A) Earth
- B) Jupiter
- C) Saturn
- D) Mars

Answer: B) Jupiter

5. What is the pH of a neutral solution?

- A) 0
- B) 7
- C) 14
- D) 1

Answer: B) 7

6. What type of energy is generated by a moving object?

- A) Kinetic energy
- B) Potential energy
- C) Thermal energy
- D) Electrical energy

Answer: A) Kinetic energy

7. Which part of the human body produces insulin?

- A) Pancreas
- B) Liver
- C) Kidneys
- D) Lungs

Answer: A) Pancreas

8. What is the main component of the Sun?

- A) Helium
- B) Hydrogen
- C) Nitrogen
- D) Oxygen

Answer: B) Hydrogen

9. Which vitamin helps in blood clotting?

- A) Vitamin A
- B) Vitamin B
- C) Vitamin D
- D) Vitamin K

Answer: D) Vitamin K

10. What type of animal is a snake?

- A) Mammal
- B) Reptile
- C) Amphibian
- D) Bird

Answer: B) Reptile

11. What is the symbol for the element Potassium?

- A) P
- B) Po
- C) Pt
- D) K

Answer: D) K

12. Which process is used by green plants to make their food?

- A) Respiration
- B) Photosynthesis
- C) Fermentation
- D) Digestion

Answer: B) Photosynthesis

13. What is the hardest naturally occurring mineral?

- A) Diamond
- B) Ruby
- C) Gold
- D) Iron

Answer: A) Diamond

14. Which part of the plant is responsible for absorbing water?

- A) Stem
- B) Leaves
- C) Roots
- D) Flowers

Answer: C) Roots

15. What is the chemical symbol for Chlorine?

- A) Cl
- B) Ch
- C) C
- D) Cr

Answer: A) Cl

16. Which blood cells are responsible for clotting?

- A) Red blood cells
- B) White blood cells
- C) Platelets
- D) Plasma

Answer: C) Platelets

17. What is the largest bone in the human body?

- A) Femur
- B) Humerus
- C) Tibia
- D) Radius

Answer: A) Femur

18. Which gas is commonly known as laughing gas?

- A) Carbon Dioxide
- B) Nitrogen
- C) Nitrous Oxide
- D) Methane

Answer: C) Nitrous Oxide

19. Which type of blood group is known as the universal recipient?

- A) O+
- B) AB+
- C) A+
- D) B+

Answer: B) AB+

20. What is the process by which a liquid changes to a gas?

- A) Condensation
- B) Evaporation
- C) Precipitation
- D) Freezing

Answer: B) Evaporation

21. Which organelle is known as the powerhouse of the cell?

- A) Nucleus
- B) Ribosome
- C) Mitochondria
- D) Chloroplast

Answer: C) Mitochondria

22. Which part of the human brain controls balance?

- A) Cerebrum
- B) Cerebellum
- C) Medulla
- D) Hypothalamus

Answer: B) Cerebellum

23. Which metal is used to make coins?

- A) Aluminum
- B) Copper
- C) Silver
- D) Platinum

Answer: B) Copper

24. What is the study of plants called?

- A) Zoology
- B) Geology
- C) Botany
- D) Biology

Answer: C) Botany

25. Which type of energy is stored in the food we eat?

- A) Kinetic energy
- B) Potential energy
- C) Chemical energy
- D) Nuclear energy

Answer: C) Chemical energy

26. Which gas is used by humans during respiration?

- A) Carbon Dioxide
- B) Methane
- C) Oxygen
- D) Nitrogen

Answer: C) Oxygen

27. Which natural satellite orbits the Earth?

- A) Sun
- B) Mars
- C) Moon
- D) Venus

Answer: C) Moon

28. Which instrument is used to measure temperature?

- A) Barometer
- B) Thermometer
- C) Hygrometer
- D) Anemometer

Answer: B) Thermometer

29. What is the chemical formula for water?

A) H₂O₂

B) CO₂

C) H₂O

D) O₂

Answer: C) H₂O

30. What is the smallest particle of an element called?

A) Molecule

B) Atom

C) Ion

D) Compound

Answer: B) Atom